367.40305X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: SALO et al

Serial No.:

Filed: June 29, 2001

For: Receiver

Group:

Examiner:

PRELIMINARY AMENDMENT

Assistant Commissioner
for Patents
Washington, D.C. 20231

June 29, 2001

Sir:

Prior to examination on the merits of this application and prior to calculation of the filing fee, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 1, line 26, amend to read as follows:

Brief Summary of the Invention.

Page 3, line 4, amend to read as follows:

Detailed Description of the Preferred Embodiments of the Invention.

IN THE CLAIMS:

Please amend the claims to read as follows:

3. (Amended) A terminal according to claim 1, wherein said first receiver is enabled to receive said first signal in response to said complementary information.

4. (Amended) A terminal according to claim 1, wherein said complementary information comprises schedule and configuration data.

5. (Amended) A terminal according to claim 1, further comprising storage means for storing user preferences.

7. (Amended) A terminal according to claim 1, wherein said first signal is a digital video broadcasting (DVB) signal, and said first receiver is a digital video broadcasting (DVB) receiver.

8. (Amended) A terminal according to claim 1, wherein said second signal is a global system for mobile (GSM) signal, and said second receiver is a global system for mobile (GSM) receiver.

9. (Amended) A terminal according to claim 1, wherein said second signal is a general packet radio service (GPRS) signal, and said second receiver is a general packet radio service (GPRS) receiver.

10. (Amended) A terminal according to claim 1, wherein the first signal includes a data file, said terminal being actuable in response to said complementary information to receive said data file.

13. (Amended) Apparatus according to claim 11, further comprising storage means for storing details of subscriber preferences.

15. (Amended) Apparatus according to claim 11, wherein said first signal is a digital video broadcasting (DVB) signal, and said first communications network is a digital video broadcasting (DVB) network.

16. (Amended) Apparatus according to claim 11, wherein said second communications network is a global system for mobile (GSM) network, and said transmitter is a global system for mobile (GSM) transmitter.

17. (Amended) Apparatus according to claim 11, wherein said second communications network is a general packet radio service (GPRS) network, and said transmitter is a general packet radio service (GPRS) transmitter.

20. (Amended) A method according to claim 18, further comprising storing user preferences.

24. (Amended) A method according to claim 22, further comprising storing details of subscriber preferences.

26. (Amended) A method according to claim 22, comprising transmitting said signal as a digital video broadcasting (DVB) signal.

27. (Amended) A method according to claim 22, comprising transmitting said complementary information via a global system for mobile (GSM) network.

28. (Amended) A method according to claim 22, comprising transmitting said complementary information via a general packet radio service (GPRS) network.

31. (Amended) A method as claimed in Claim 29, wherein said service information includes schedule and configuration data relating to said signal.

32. (Amended) A method as claimed in claim 29, wherein said service information identifies a time and channel location at which said non-scheduled content will be transmitted.

35. (Amended) A method as claimed in Claim 33, wherein acknowledgement of reception of said non-scheduled content is made to said first communications network.

36. (Amended) A method as claimed in Claim 33, including storing said non-scheduled content following reception of said signal.

40. (Amended) A method as claimed in Claim 38, wherein said second signal

further comprises schedule and configuration data relating to said first signal identifying said content.

Please cancel claims 41 - 44 without prejudice or disclaimer.

IN THE ABSTRACT:

Please amend the abstract to read as follows:

ABSTRACT

RECEIVER

The present invention relates to receivers such as multi-carrier and cellular receivers. Cellular receivers, in the form of portable radiotelephones can be used for making and receiving telephone calls, sending and receiving messages, and even browsing world-wide computer network such as the Internet. The present invention provides a method and apparatus for receiving and transmitting signals via multiple communication channels.

REMARKS

The foregoing amendments are respectfully requested prior to examination on the merits of this application. A marked up copy of the amended claims is attached.

To the extent necessary, applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 367.40305X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

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IN THE SPECIFICATION:

Page 1, line 26, amend to read as follows:

Brief Summary of the Invention.

Page 3, line 4, amend to read as follows:

Detailed Description of the Preferred Embodiments of the Invention.

IN THE CLAIMS:

3. (Amended) A terminal according to claim 1 ~~or 2~~, wherein said first receiver is enabled to receive said first signal in response to said complementary information.

4. (Amended) A terminal according to claim 1, ~~2 or 3,~~ wherein said complementary information comprises schedule and configuration data.

5. (Amended) A terminal according to ~~any preceding~~ claim 1, further comprising storage means for storing user preferences.

7. (Amended) A terminal according to ~~any preceding~~ claim 1, wherein said first signal is a digital video broadcasting (DVB) signal, and said first receiver is a digital video broadcasting (DVB) receiver.

8. (Amended) A terminal according to ~~any preceding~~ claim 1, wherein said second signal is a global system for mobile (GSM) signal, and said second receiver is a global system for mobile (GSM) receiver.

9. (Amended) A terminal according to ~~any of claims~~ claim 1 ~~to 7~~, wherein said second signal is a general packet radio service (GPRS) signal, and said second receiver is a general packet radio service (GPRS) receiver.

10. (Amended) A terminal according to ~~any one of claims~~ claim 1 ~~to 9~~, wherein the first signal includes a data file, said terminal being actuable in response to said

complementary information to receive said data file.

13. (Amended) Apparatus according to claim 11 ~~or 12~~, further comprising storage means for storing details of subscriber preferences.

15. (Amended) Apparatus according to ~~any of claims~~ claim 11 ~~to 14~~, wherein said first signal is a digital video broadcasting (DVB) signal, and said first communications network is a digital video broadcasting (DVB) network.

16. (Amended) Apparatus according to ~~any of claims~~ claim 11 ~~to 15~~, wherein said second communications network is a global system for mobile (GSM) network, and said transmitter is a global system for mobile (GSM) transmitter.

17. (Amended) Apparatus according to ~~any of claims~~ claim 11 ~~to 15~~, wherein said second communications network is a general packet radio service (GPRS) network, and said transmitter is a general packet radio service (GPRS) transmitter.

20. (Amended) A method according to claim 18 ~~or 19~~, further comprising storing user preferences.

24. (Amended) A method according to claim 22 ~~or 23~~, further comprising storing details of subscriber preferences.

26. (Amended) A method according to ~~any of claims~~ claim 22 ~~to 25~~, comprising transmitting said signal as a digital video broadcasting (DVB) signal.

27. (Amended) A method according to ~~any of claims~~ claim 22 ~~to 26~~, comprising transmitting said complementary information via a global system for mobile (GSM) network.

28. (Amended) A method according to ~~any of claims~~ claim 22 ~~to 26~~, comprising transmitting said complementary information via a general packet radio service (GPRS) network.

31. (Amended) A method as claimed in Claim 29 ~~or Claim 30~~, wherein said service information includes schedule and configuration data relating to said signal.

32. (Amended) A method as claimed in ~~any one of claims~~ claim 29 ~~to 31~~, wherein said service information identifies a time and channel location at which said non-scheduled content will be transmitted.

35. (Amended) A method as claimed in Claim 33 ~~or Claim 34~~, wherein acknowledgement of reception of said non-scheduled content is made to said first communications network.

36. (Amended) A method as claimed in ~~any one of Claims~~ Claim 33 ~~to 35~~, including storing said non-scheduled content following reception of said signal.

40. (Amended) A method as claimed in Claim 38 ~~or Claim 39~~, wherein said second signal further comprises schedule and configuration data relating to said first signal identifying said content.

IN THE ABSTRACT:

Please amend the abstract to read as follows:

ABSTRACT

RECEIVER

The present invention relates to receivers such as multi-carrier and cellular receivers.

Cellular receivers, in the form of portable radiotelephones ~~are commonplace, and their design and operation is well understood. Such portable radiotelephones~~ can be used for making and receiving telephone calls, sending and receiving messages, and even browsing world-wide computer network such as the Internet. ~~Many standards exist for portable radiotelephones, including global system for mobile communications (GSM), general radio packet service (GPRS)~~

~~Receivers capable of receiving digital television signals, such as signals according to the terrestrial digital video broadcasting (DVB-T) standard are also commonplace.~~

The present invention provides a method and apparatus for receiving and transmitting signals via multiple communication channels.

~~Figure 2~~